

1006 Rec'd PCT/PTO 21 OCT 2005

U. S. PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER 21368YP
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  10/554187
INTERNATIONAL APPLICATION NO. PCT/US04/012265	INTERNATIONAL FILING DATE 20 April 2004	PRIORITY DATE CLAIMED 24 April 2003
TITLE OF INVENTION INHIBITORS OF AKT ACTIVITY		
APPLICANT(S) FOR DO/EO/US Mark E. Duggan, John C. Hartnett, Craig W. Lindsley, Zhicai Wu, Zhijian Zhao		
<b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</b>  1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. a. <input type="checkbox"/> is attached hereto b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]. a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. <b>Items 11 to 20 below concern other document(s) or information included:</b> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:		

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT OCT. 21, 2005

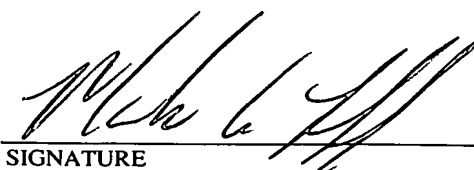
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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
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MAILED BY Linda Zherer

DATE October 21, 2005

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/554187</b>		INTERNATIONAL APPLICATION NO. PCT/US04/012265		ATTORNEY'S DOCKET NUMBER 21368YP	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input checked="" type="checkbox"/> Basic national fee.....				\$300	\$300.00
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
All other situations.....				\$200	\$0.00
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....				\$100	\$0.00
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....				\$400	
All other situations.....				\$500	
<b>TOTAL OF 21, 22 and 23=</b>				<b>\$300.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	0 /50	0 = 0	X \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	18 - 20 =	0	X \$50.00	\$0.00	
Independent Claims	2 - 3 =	0	X \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)</b>				<b>\$300.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
<b>TOTAL NATIONAL FEE</b>				<b>\$300.00</b>	
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				+	
<b>TOTAL FEES ENCLOSED</b>				<b>\$300.00</b>	
				Amount to be refunded:	
				Amount to be charged:	
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u>. A duplicate copy of this sheet is enclosed.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p style="border: 1px solid black; padding: 2px; display: inline-block;">Customer No. 000210</p> <p>MERCK &amp; CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970</p>					
DATE: <u>October 21, 2005</u>				<div style="text-align: center;">               SIGNATURE              Matthew A. Leff              NAME  <u>50,149</u>              REGISTRATION NUMBER           </div>	
PHONE #: <u>(732) 594-1404</u>					